Title (en)

AREA ARRAY DETECTOR, DETECTION METHOD AND CORRESPONDING CONTAINER/VEHICLE INSPECTION SYSTEM

Title (de)

FLÄCHIGER MATRIXDETEKTOR, DETEKTIONSVERFAHREN UND ENTSPRECHENDES CONTAINER-/FAHRZEUGINSPEKTIONSSYSTEM

Title (fr)

DÉTECTEUR DE RÉSEAU DE ZONES, PROCÉDÉ DE DÉTECTION ET SYSTÈME D'INSPECTION DE CONTENEUR/VÉHICULE CORRESPONDANT

Publication

EP 4187287 A3 20230816 (EN)

Application

EP 22209595 A 20221125

Priority

CN 202111422301 A 20211126

Abstract (en)

This disclosure provides an area array detector, a detection method, and a corresponding container/vehicle inspection system, and relates to the field of ray scanning. The area array detector for the container/vehicle inspection system comprises: a plurality of sparsely arranged detector assemblies, wherein a first detector assembly is different from other second detector assemblies; and a backplane for carrying and mounting the plurality of detector assemblies, thereby the area array detector supporting a plurality of scanning modes is enabled.

IPC 8 full level

G01V 5/00 (2006.01)

CPC (source: CN EP US)

G01N 23/046 (2013.01 - CN); **G01T 1/2018** (2013.01 - US); **G01T 1/2985** (2013.01 - US); **G01V 5/20** (2024.01 - EP); **G01V 5/22** (2024.01 - EP); **G01V 5/226** (2024.01 - US); G01N 2223/501 (2013.01 - CN)

Citation (search report)

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- [XY] US 2014369458 A1 20141218 - SHEN LE [CN], et al
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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EP 22209595 A 20221125; CN 202111422301 A 20211126; CN 2022128923 W 20221101; JP 2022187902 A 20221125; US 202217994364 A 20221127